Upon successful completion of MTech VLSI Design programme, students will be able to

- PO1
  - Design digital circuits and systems using programmable logic devices
- PO2
  - Analyze analog/digital circuits and systems using analytical and graphical device models
- PO3
  - Design analog/digital circuits balancing tradeoffs including area, power, speed and reliability
- PO4
  - Demonstrate the use of electronic design automation tools for designing integrated circuits using programmable logic, full custom and semi-custom design methodologies
- PO5
  - Apply research methods to formulate and solve research problems in integrated circuit design of contemporary relevance
- PO6
  - Describe the contemporary processes involved in the IC manufacturing process and analyze their implications in circuit design process
- PO7
  - Demonstrate soft skills, personality, ethics and learning enthusiasm in identifying and solving industry/research problems of contemporary relevance
- PO8
  - Survey and present state of the art circuit/system design procedures for VLSI Design and fabrication